AM4 ____
WEL ____
MJB ____
fee: Haney, Don - Farm - 2011 (Polk)

Te ee Department of Environment and Conse n,
Division of Water Pollution Control
401 Church Street, 6th Floor L & C Annex, Nashville, TN 37243
(615) 532-0625

CONCENTRATED ANIMAL FEEDING OPERATION (CAFO)
STATE OPERATING PERMIT (SOP)
NOTICE OF INTENT (NOI)

Type of permit you are requesting: ☐ SOPCD0000 (designed to discharge) ☑ SOPC00000 (no discharge) ☐ Unknown, please advise

Application type: ☐ New Permit ☐ Permit Reissuance ☐ Permit Modification

If this NOI is submitted for Permit Modification or Reissuance provide the existing permit tracking number: ____

OPERATION IDENTIFICATION

Operation Name: Don Haney Farm	County: Polk
Operation Location/ Physical Address: ~~Davis~~ Davis-Curhow Rd Old Fort TN	Latitude: 35.0810
	Longitude: -84.7348

Name and distance to nearest receiving water(s): Little Chestuee Creek

If any other State or Federal Water/Wastewater Permits have been obtained for this site, list those permit numbers: N/A

Animal Type: ☑ Poultry ☐ Swine ☐ Dairy ☐ Beef ☐ Other ____

Number of Animals: ~~69,000~~ 23,700 | Number of Barns: 3 | Name of Integrator: Pilgrim's Pride

Type of Animal Waste Management: (check all that apply) 23,700/house
☑ Dry
☐ Liquid
☐ Liquid, Closed System (i.e. covered tank, under barn pit, etc.)

Attach the NMP ☐ NMP Attached | Attach the closure plan ☐ Closure Plan Attached | Attach a topographic map ☐ Map Attached

PERMITTEE IDENTIFICATION

Official Contact (applicant): Don Haney	Title or Position: Owner/Operator			
Mailing Address: POBox 189	City: Old Fort	State: TN	Zip: 37362	☐ Correspondence ☐ Invoice
Phone number(s): Cell 423-584-0131 Home 423-338-8304	E-mail:			
Optional Contact:	Title or Position:			
Address:	City:	State:	Zip:	☐ Correspondence ☐ Invoice
Phone number(s):	E-mail:			

APPLICATION CERTIFICATION AND SIGNATURE (must be signed in accordance with the requirements of Rule 1200-4-5-.05)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and title; print or type	Signature	Date
Don Haney Owner/Operator	Don Haney	7-5-11

STATE USE ONLY

Received Date	Reviewer	EPO	T & E Aquatic Fauna	Tracking No.
	Impaired Receiving Stream	High Quality Water		NOC Date

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ENVIRONMENT & CONSERVATION
CHATTANOOGA FIELD OFFICE

#229

Addendum to Nutrient Management Plan:

By my signature below, I affirm that I have read, understand, and will comply with the following stipulations from Tennessee's CAFO rule (1200-4-5-.14) that apply to my CAFO operation.

1) All clean water (including rainfall) is diverted, as appropriate, from the production area.
2) All animals in confinement are prevented from coming in direct contact with waters of the state.
3) All chemicals and other contaminants handled on-site are not disposed of in any manure, litter, process wastewater, or storm water storage or treatment system unless specifically designed to treat such chemicals and other contaminants.
4) All sampling of soil and manure/litter is conducted according to protocols developed by UT Extension.
5) All records outlined in 1200-4-5-.14(16)d-f will be maintained and available on-site.
6) Any confinement buildings, waste/wastewater handling or treatment systems, lagoons, holding ponds, and any other agricultural waste containment/treatment structures constructed after April 13, 2006 are or will be located in accordance with NRCS Conservation Practice Standard 313.
7) Drystacks of manure or stockpiles of litter are always kept covered under roof or tarps.
8) An *Annual Report* will be written for my operation and submitted between January 1 and February 15 of each year. It will include all information required by rule [1200-4-5-.14(16)g].

Don Haney
Signature of CAFO Operator:

8-9-11
Date:

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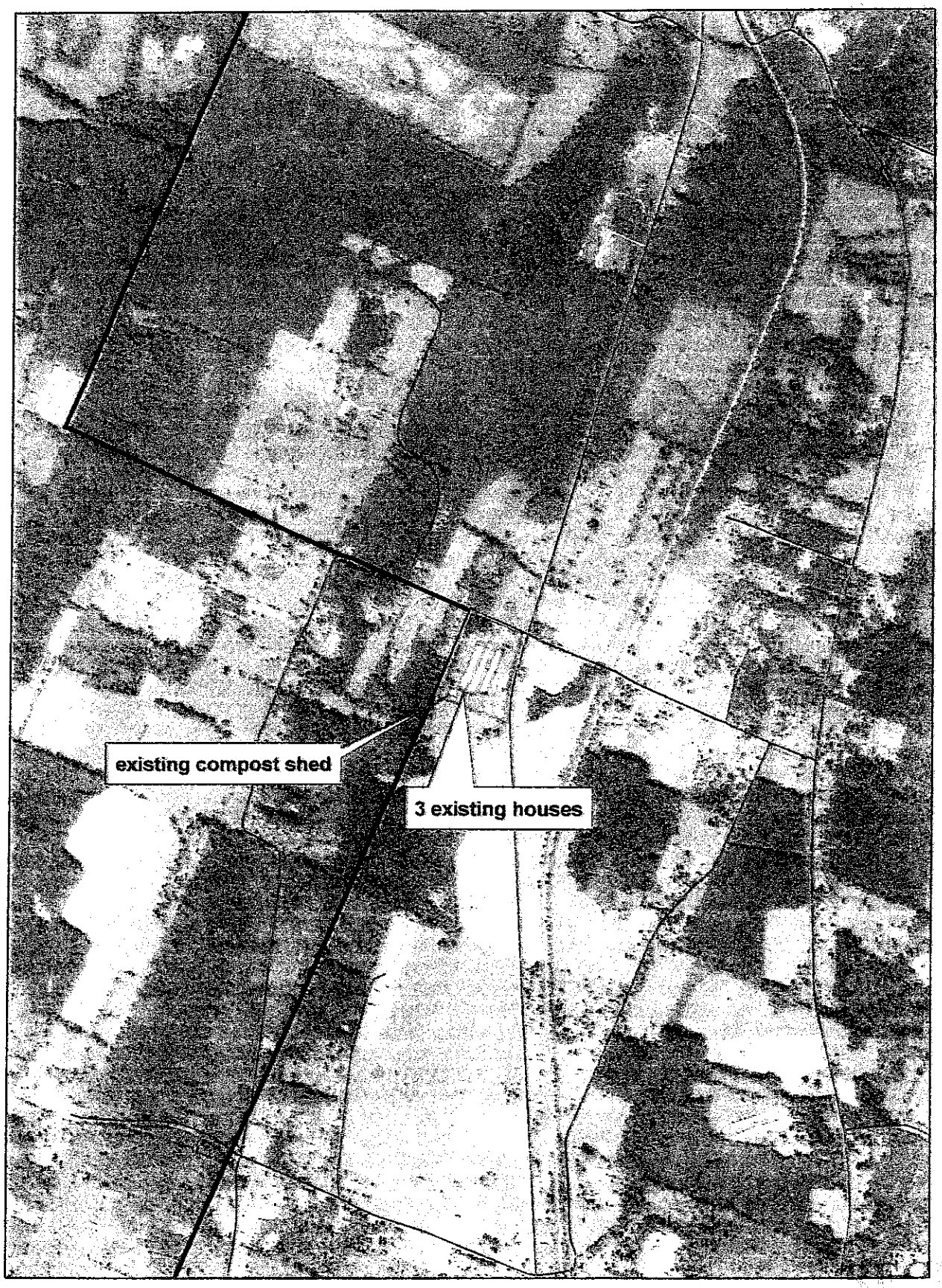
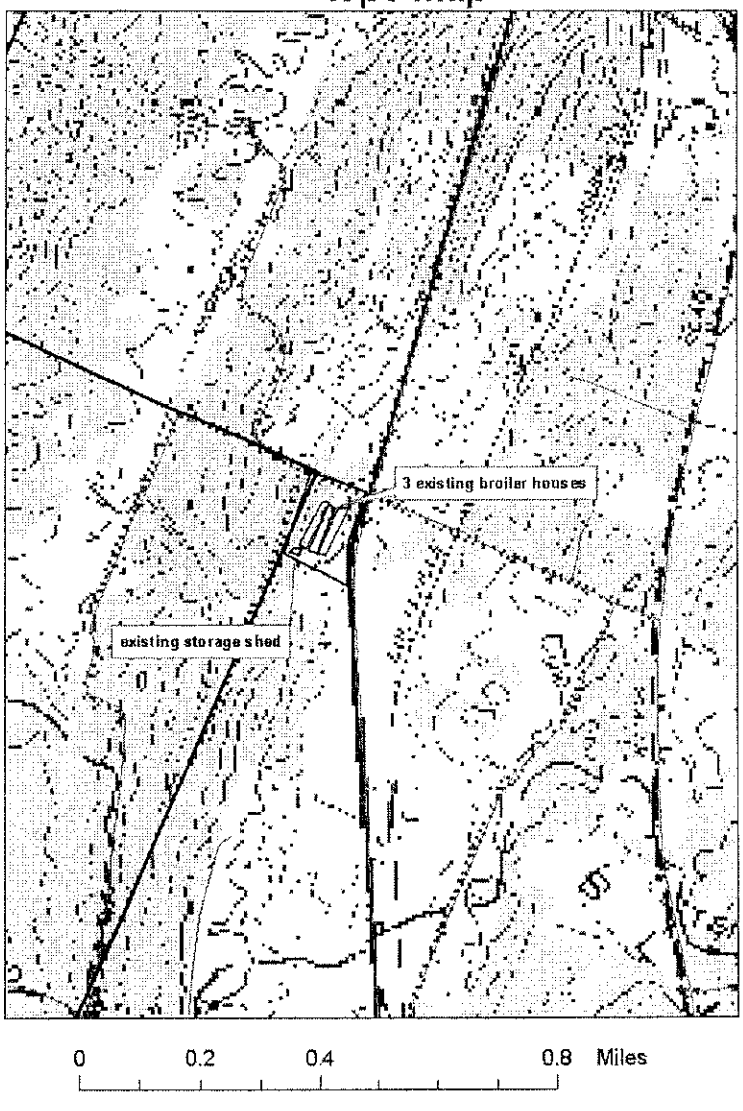
Don Haney
poultry operation



N

0 1,150 2,300 4,600 Feet

Don Haney
topo map



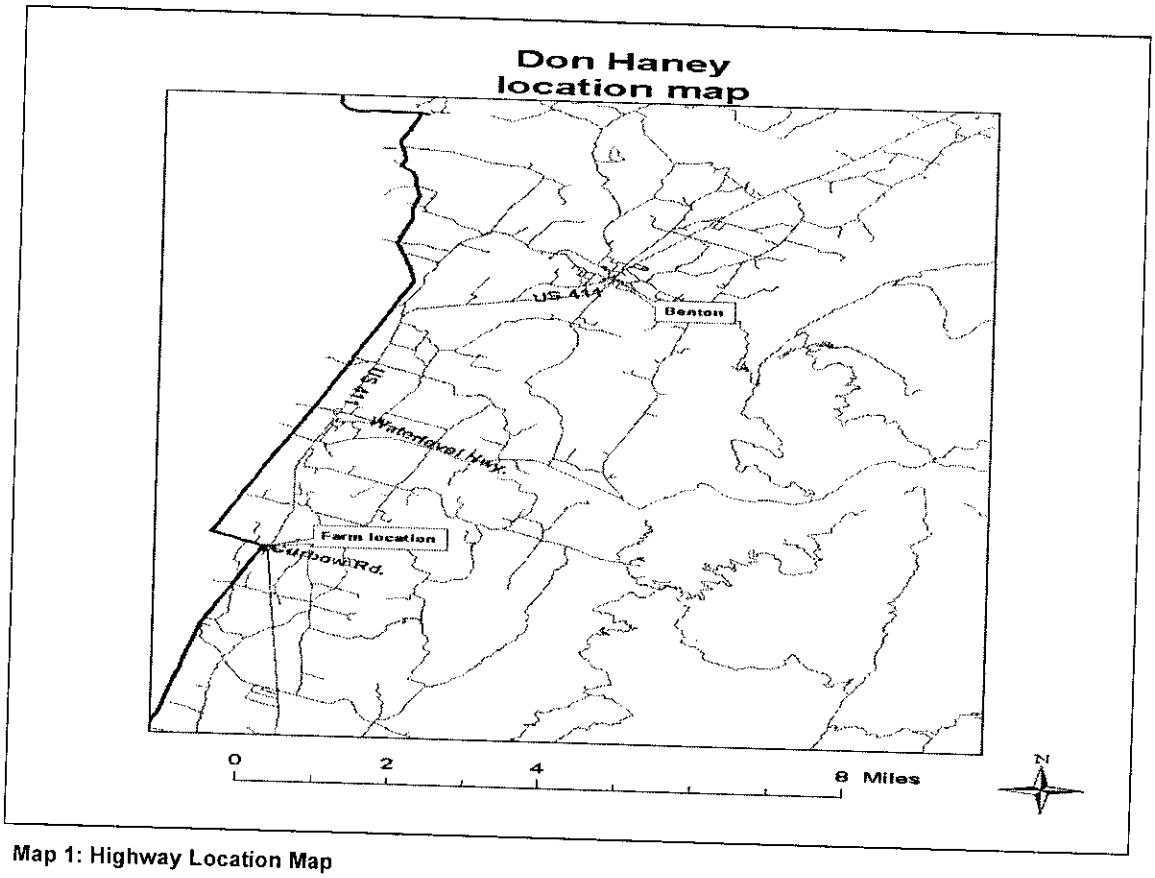
Deleted: 44¶

Formatted: Right: 0"

Comprehensive Nutrient Management Plan

Operation Name: Mr. Don Haney Farm
Owner Name: Don Haney
Operation Address: P.O. Box 189
Oldfort, Tn. 37362

Operation Telephone Number: (423) 338-8304 (Home)
Operator's Name: Don Haney



Map 1: Highway Location Map

Driving Directions: From the Benton, Tn. post office-turn right onto US Hwy 411 and proceed for 8.2 miles. Then turn right onto private drive where a Pilgrim's Pride sign can be seen. Feeding operation is roughly 200 yards from the 411 Hwy and visible by site from it.
Hydrologic Unit Code: 060200020-903 Latitude: 35.0810 degrees North **Longitude -84.7348** degrees West, Prepared by: United States Department of Agriculture-Natural Resources Conservation Service Center Cleveland, TN
In Cooperation with the Polk County Soil Conservation District
Date Prepared: 12/20/2005

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N[illegible]ent Management Plan - Po[illegible]ry

For Use by Farms

Exporting 100% of Litter Generated

1. Farmer/ Producer Information

Is **ALL** Litter Hauled Offsite*

**If the answer is "No," do not complete this form.*

(Yes)	No
Please circle one	

First Name: Don I

Last Name: Haney

Farm/ Operation Name: Don Haney Farm

Tennessee County: Polk

2. Volumes and Calculations

Poultry Type:

(Broiler)	Pullet	Layer
circle the type(s)		

Key

A **Number of birds per house per grow-out:** 23,700

B **Number of Houses:** 3

The amount of litter removed from a poultry house will vary depending on the litter moisture content, type and size of birds, and length of time birds are kept in house. Below is a Table summarized from the NRCS Poultry System Calculator V10.0 to assist in placing the litter amount produced per bird and assist in litter calculations.

Type of Bird	Market/ Mature Weight (lbs)	Avg. Weight of Litter Produced (lbs)/ Bird / Grow-Out
Broilers	small (3.8 - 5 .8)	2.1
	large (5.9 - 7+)	2.4
Layer	8 - 12	8
Pullet	5.5	3

C **Number of Grow-Outs / Year:** 6.5

D **Average Weight of Litter Produced (lbs.)/ Bird / Grow-Out *(see Table at right or use your farm average if known)*** 1.6 (broiler avg wt) / 4.25

*Take **Bolded** Letters in **Key** Column Above and Below to Assist in Calculating Values Below*

Number of Birds per Grow-Out = A x B = 71,100 ✓

Number of Birds Example: If A = 22,000 and B= 2 and C= 5.5 then:

22,000 X 2 = 44,000 number of birds

KEY

E **Number of Birds per Year** = A x B x C = 462150 ✓

Number of Birds per Year Example: If A = 22,000 and B= 2 and C = 5.5 then:

22,000 x 2 x 5.5 =242,000 number of birds per year

Total Tons of Litter Produced per Year on the Farm = E x D / 2,000 = 371 – from Mr. Haney's records

Tons of Litter Produced Example: If E = 242,000 and D = 2.1 lbs. then:

242,000 x 2.1 lbs = 508,200 lbs. / 2,000 = 254 Tons

Tons of Litter Exported from Farm / Year 371

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AGRICULTURAL DIAGNOSTIC LABORATORY
UNIVERSITY OF ARKANSAS - FAYETTEVILLE
***MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)

Name:	MELBA HANEY	Received in lab:	2/28/2011
Address:	P.O. BOX 189	Mailed:	3/03/2011
City:	OLD FORT	State,Zip:	TN 37362
County:	POLK (TN)	CK#:	8250

Lab. No.	M10278
Sample No.	NONE GIVEN
Animal type	none given
-age/lbs	none given
Bedding type	none given
Manure type	none given
Sample date	none given
Age of manure	none given
pH	8.7
EC(umhos/cm)	12720
% H20	29.56
-on dry basis-	
Total %N	3.79
Total %P	1.59
Total %K	3.75
Total %Ca	2.67
Total %Carbon	38.31
NO3-N, mg/kg	
NH4-N, mg/kg	
-on as-is basis-	
Total %N	2.67
Total %P	1.12
Total %K	2.64
Total %Ca	1.88
Total %Carbon	26.99
NO3-N, mg/kg	
NH4-N, mg/kg	
-lbs/ton on as-is basis-	
N	53.4
P2O5	51.3
K2O	63.9
Ca	37.6
Total Carbon	539.8
NO3-N	
NH4-N	

***all analyses performed on "as-is" basis/ "dry" basis is calculated from moisture content
*lbs/ton P2O5 = %Total P on "as-is" basis multiplied by 20*2.29
*lbs/ton K2O = %Total K on "as-is" basis multiplied by 20*1.2

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N ient Management Plan - Po ry

For Use by Farms

Exporting 100% of Litter Generated

3. Litter Handling and Storage

Litter Contents from Manure Analysis (*as is basis*)

Laboratory Name	House	Date of Analysis	Total N	P_2O_5[a]	K_2O[b]	Units
UAK	1.2.3	3.03.2011	53.4	51.3	63.9	lbs./Ton
						lbs./Ton
						lbs./Ton

I will get an annual manure analysis and provide the results to all parties which are given or purchase litter from my farm or operation.

Don Haney 8-9-11

Signature / Date Signed

Mortality Management

Dead birds will be disposed of according to State and local laws in a way that does not adversely affect groundwater or create public health concern. All mortalities will be disposed of using:

(Composting)	Incineration	Other:
please circle one		

DH

initials

Closure Plan

In the event that poultry production at this location ceases, the following will be done within 360 days:

- Any litter/ compost currently in storage at the time of closure will be removed and spread elsewhere according to my current NMP.
- All litter in houses will be removed and spread elsewhere according to my current NMP.
- The most current manure analysis performed by an accredited laboratory will be provided to anyone removing litter on my farm.
- Any dead birds in the houses at the time of closure will be disposed of according to my NMP.

Don Haney 8-9-11

Signature that I have read and agree to this Closure Plan / Date signed

Notes:

N = Nitrogen P_2O_5 = Phosphorus Oxide K_2O = Potassium Oxide

[a]If Phosphorus is expressed in analyses as Phosphorus (P), simply multiple P lbs. X 2.3 to convert to P_2O_5.

[b]If Potassium is expressed in analyses as Potassium (K), simply multiple K lbs. X 1.2 to convert to K_2O.

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2/14

APPENDIX B

Agreement for the Removal of Litter, Manure and/or Process Wastewater from an AFO

The conditions listed below help to protect water quality. These conditions apply to litter, manure and/or process wastewater removed from an AFO. This agreement is for (amount of waste removed, i.e. tons, gallons, etc.) 189 tons of waste, removed on (date) 2-24-11, from the facility owned by Don Haney and located at Davis-Curtsow Rd Old Fort, TN.

A. The litter, manure and/or process wastewater must be managed to ensure there is no discharge of litter, manure and/or process wastewater to surface or groundwater.

B. When removed from the facility, litter, manure and/or process wastewater should be applied directly to the field or stockpiled and covered with plastic or stored in a building.

C. Litter, manure and/or process wastewater must not be stockpiled near streams, sinkholes, wetlands or wells.

D. Fields receiving litter, manure and/or process wastewater should be soil tested at least every two or three years.

E. A litter, manure and/or process wastewater nutrient analysis should be used to determine application rates for various crops.

F. Calibrate spreading equipment and apply litter, manure and/or process wastewater uniformly.

G. Apply no more nitrogen or phosphorus than can be used by the crop.

H. A buffer zone is recommended between the application sites and adjacent streams, lakes, ponds, sinkholes and wells. The following non-application buffer widths, taken from NRCS Conservation Practice Standard 590, should be used when applicable:

Object, Site	Buffer Width, feet	Situation
Wells	150	Up-slope of application site
	300	Down-slope of application site, if conditions warrant application
Waterbody	30-100	Depending on the amount and quality of vegetation and slope
Public Use Area	300	All
Residences	300	Other than producer

I. Do not apply litter, manure and/or process wastewater when the ground is frozen, flooded, saturated or on steep slopes subject to flooding, erosion or rapid runoff.

J. Cover vehicles hauling litter, manure and/or process wastewater on public roads.

K. Keep records of locations where poultry litter will be used as a fertilizer.

I, Jeremy Kirby (name) am the person receiving litter, manure, and/or process wastewater and do understand the conditions listed above.

Jeremy Kirby (signature) 8-10-11 (date)

140 Dawhit Circle Crandall GA 30711 (address) 706-328-3482 (phone)

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APPENDIX C

Names of Persons and/or Firms that Remove Litter, Manure and/or Process Wastewater from an AFO

Name:	Jeremy Kirby	Name:	
Address:	140 Douthit Circle Crandall GA 30711	Address:	
Phone No.:	706-328-3482	Phone No.:	
Tons Removed:	189	Tons Removed:	
Date:	2-24-11	Date:	
Name:		Name:	
Address:		Address:	
Phone No.:		Phone No.:	
Tons Removed:		Tons Removed:	
Date:		Date:	
Name:		Name:	
Address:		Address:	
Phone No.:		Phone No.:	
Tons Removed:		Tons Removed:	
Date:		Date:	
Name:		Name:	
Address:		Address:	
Phone No.:		Phone No.:	
Tons Removed:		Tons Removed:	
Date:		Date:	
Name:		Name:	
Address:		Address:	
Phone No.:		Phone No.:	
Tons Removed:		Tons Removed:	
Date:		Date:	

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TENNESSEE DEPARTMENT OF AGRICULTURE
Water Resources Program

August 12, 2011

Ms. Erin O'Brien
TDEC
L&C Annex, 6th Floor
Nashville, Tennessee 37243

Dear Ms. O'Brien:

I am writing to inform you that I have reviewed the application and Nutrient Management Plan (NMP) for CAFO permit for Mr. Don Haney, in Old Fort, Tennessee (previous NPDES Permit NO. TN000188).

This letter is to confirm that the TDA has reviewed and approved the NMP. I have enclosed a copy of the Nutrient Management Plan Requirements form and the signed and dated Notice of Intent (NOI) form copied off of the WaterLog website, and the original signed and dated Addendum to Nutrient Management Plan, Closure Plan, NMP, and stamped Approval Stamp form for your review and final approval.

Sincerely,

Angela L. Warden
CAFO Specialist

: //enclosures

Ellington Agricultural Center
440 Hogan Road
Nashville, TN 37220
Telephone: 615-837-5492 Fax: 615-837-5025

TENNESSEE DEPARTMENT OF AGRICULTURE

Water Resources Program

The following individual has submitted all required elements of a NMP/ CNMP as required to obtain a CAFO permit. Their Nutrient Management Plan (or CNMP) has been reviewed and approved by this office.

Name of Owner/Operator: Don Haney

Operation Name: Don Haney Farm

Address of Operation: Davis Curban Rd. Old Fort, TN 37362

Phone Number: (423) 584-0131
(423) 338-8304

County: Polk

Date application was initiated:

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Date approval forwarded to TDEC:

AUG 12 2011

NMP/CNMP Approval Date:

THE APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION OF CORRECT

AUG 12 2011

OPERATION OR AS WARRANTING THAT THE APPROVED FACILITIES WILL REACH THE DESIGNED GOAL

Date approval received by TDEC

TDA Reviewer's Name: Angela L Warden

TDA Reviewer's Signature: A L Warden 8/12/11
Date

Don Haney Old Fort, TN 8/12/11

Nutrient Management Plan Requirements Polk Co.

Don Haney Farm

Poultry #229

The following 9 items need to be submitted at the time the permit is applied for. Additional record-keeping items as outlined in the CAFO rules are also considered part of the nutrient management plan and must be kept on-site. More information on each item can be found in the CAFO rule (1200-4-5-.14).

☑ 1. **Two maps: (1.)** A map of your farm showing location of any animal barns/houses, compost bins, litter storage bins, manure lagoons/holding ponds, nearby roads, fields to which litter/manure will be applied, and non-application buffer areas around any bodies of water (streams, creeks, rivers, ponds, wells, sinkholes, springs, wetlands, etc.). A hand-drawn map is acceptable and even preferred. **(2.)** A topographic map of the farm (1:24000 scale, showing 1-mile radius from farm) showing property lines.

☑ 2. **Nutrient budget** – this is basically a balance sheet of all manure produced on the farm and all manure spread on the farm or removed from the farm. Application rates for all fields should be based on crop needs, realistic crop yield expectations, and actual manure analyses of nutrient content.

☑ 3. **Soil test results** for phosphorus and potassium for each application field. These must be taken at a minimum of every five years.

☑ 4. Results of **manure analysis** from within the past year. Annual manure testing is a requirement for all CAFOs. These results must be included with initial permit application if the farm is in operation. If the farm that is applying for the permit is new and not yet operating, then manure testing results need to be obtained once operation begins. At that point, the manure test results and revised application rates need to be submitted to TDA. Manure test results in subsequent years need to be kept as part of your record-keeping activities.

☑ 5. Results of the **Phosphorus Index** applied to each field that has a soil test P value of "High" or "Very High". In those situations, this tool will determine whether your application rates will be based on nitrogen or phosphorus.

☑ 6. Statement regarding method of **dead animal disposal**.

☑ 7. **Closure Plan** to be implemented in the event animal production ceases on the site.

These last two items are only required for medium-size CAFOs that manage **liquid manure**.

☑ 8. Documentation of **design of liquid waste handling system**. This should include, but is not limited to: volume for solids accumulation, design treatment volume, total design volume, the approximate number of days of storage capacity, pumping and routing of wastes, and any solid separation process. Ideally, this documentation would consist of the pertinent engineering drawings with accompanying descriptive narrative.

☑ 9. The construction, modification, repair, or installation of any portion of a CAFO liquid waste handling system (such as earthen holding pond, treatment lagoon, pit, sump or other earthen storage/containment structure) after April 13, 2006 must be preceded by a thorough **subsurface investigation**. This investigation will include a detailed soils investigation with special attention to the water table depth and seepage potential.

In addition to the items above, the following form(s) must accompany your application:

☑ ***Notice of Intent* form** must be submitted with all applications from Class II (Medium) CAFOs

OR

☑ **EPA Forms 1 and 2B** must be submitted with all applications from Class I (Large) CAFOs.

☑ **Addendum to Nutrient Management Plan**.